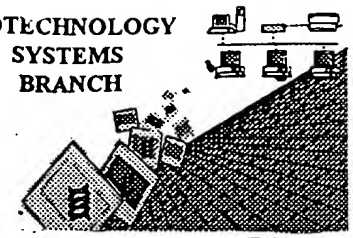
R. Prouty

Re-run

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

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Revised 01/29/2002

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See page 6

RAW SEQUENCE LISTING DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:07

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Output Set: N:\CRF3\07052002\I637302A.raw

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 3 <110> APPLICANT: HOOD, John
 4       ELICEIRI, Brian
 5       CHERESH, David
 7 <120> TITLE OF INVENTION: Methods and Compositions Useful for Modulation of
 8       Angiogenesis Using Tyrosine Kinase Raf and Ras
10 <130> FILE REFERENCE: TSRI 710.2
12 <140> CURRENT APPLICATION NUMBER: 09/637,302A
13 <141> CURRENT FILING DATE: 2000-08-11
15 <150> PRIOR APPLICATION NUMBER: US 60/148,924
16 <151> PRIOR FILING DATE: 1999-08-13
18 <150> PRIOR APPLICATION NUMBER: US 60/215,951
19 <151> PRIOR FILING DATE: 2000-07-05
21 <160> NUMBER OF SEQ ID NOS: 7
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27 <212> TYPE: DNA
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41       gctgcatca atg gag cac ata cag gga gct tgg aag acg atc agc aat ggt 171
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43                   1               5                  10
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46       Phe Gly Phe Lys Asp Ala Val Phe Asp Gly Ser Ser Cys Ile Ser Pro
47        15                  20                  25                  30
49       aca ata gtt cag cag ttt ggc tat cag cgc cgg gca tca gat gat ggc   267
50       Thr Ile Val Gln Gln Phe Gly Tyr Gln Arg Arg Ala Ser Asp Asp Gly
51                       35                  40                  45
53       aaa ctc aca gat cct tct aag aca agc aac act atc cgt gtt ttc ttg   315
54       Lys Leu Thr Asp Pro Ser Lys Thr Ser Asn Thr Ile Arg Val Phe Leu
55                     50                  55                  60
57       ccg aac aag caa aga aca gtg gtc aat gtg cga aat gga atg agc ttg   363
58       Pro Asn Lys Gln Arg Thr Val Val Asn Val Arg Asn Gly Met Ser Leu
59               65                  70                  75
61       cat gac tgc ctt atg aaa gca ctc aag gtg agg ggc ctg caa cca gag   411
62       His Asp Cys Leu Met Lys Ala Leu Lys Val Arg Gly Leu Gln Pro Glu
63            80                  85                  90
65       tgc tgt gca gtg ttc aga ctt ctc cac gaa cac aaa ggt aaa aaa gca   459
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RAW SEQUENCE LISTING DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:07

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Output Set: N:\CRF3\07052002\I637302A.raw

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70      Arg Leu Asp Trp Asn Thr Asp Ala Ala Ser Leu Ile Gly Glu Glu Leu
71                      115                 120                 125
73      caa gta gat ttc ctg gat cat gtt ccc ctc aca aca cac aac ttt gct   555
74      Gln Val Asp Phe Leu Asp His Val Pro Leu Thr Thr His Asn Phe Ala
75                  130                 135                 140
77      cgg aag acg ttc ctg aag ctt gcc ttc tgt gac atc tgt cag aaa ttc   603
78      Arg Lys Thr Phe Leu Lys Leu Ala Phe Cys Asp Ile Cys Gln Lys Phe
79              145                 150                 155
81      ctg ctc aat gga ttt cga tgt cag act tgt ggc tac aaa ttt cat gag   651
82      Leu Leu Asn Gly Phe Arg Cys Gln Thr Cys Gly Tyr Lys Phe His Glu
83          160                 165                 170
85      cac tgt agc acc aaa gta cct act atg tgt gtg gac tgg agt aac atc   699
86      His Cys Ser Thr Lys Val Pro Thr Met Cys Val Asp Trp Ser Asn Ile
87      175                 180                 185                 190
89      aga caa ctc tta ttg ttt cca aat tcc act att ggt gat agt gga gtc   747
90      Arg Gln Leu Leu Leu Phe Pro Asn Ser Thr Ile Gly Asp Ser Gly Val
91                      195                 200                 205
93      cca gca cta cct tct ttg act atg cgt cgt atg cga gag tct gtt tcc   795
94      Pro Ala Leu Pro Ser Leu Thr Met Arg Arg Met Arg Glu Ser Val Ser
95                  210                 215                 220
97      agg atg cct gtt agt tct cag cac aga tat tct aca cct cac gcc ttc   843
98      Arg Met Pro Val Ser Ser Gln His Arg Tyr Ser Thr Pro His Ala Phe
99              225                 230                 235
101      acc ttt aac acc tcc agt ccc tca tct gaa ggt tcc ctc tcc cag agg   891
102      Thr Phe Asn Thr Ser Ser Pro Ser Ser Glu Gly Ser Leu Ser Gln Arg
103          240                 245                 250
105      cag agg tcg aca tcc aca cct aat gtc cac atg gtc agc acc acg ctg   939
106      Gln Arg Ser Thr Ser Thr Pro Asn Val His Met Val Ser Thr Thr Leu
107      255                 260                 265                 270
109      cct gtg gac agc agg atg att gag gat gca att cga agt cac agc gaa   987
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111                      275                 280                 285
113      tca gcc tca cct tca gcc ctg tcc agt agc ccc aac aat ctg agc cca   1035
114      Ser Ala Ser Pro Ser Ala Leu Ser Ser Ser Pro Asn Asn Leu Ser Pro
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118      Thr Gly Trp Ser Gln Pro Lys Thr Pro Val Pro Ala Gln Arg Glu Arg
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121      gca cca gta tct ggg acc cag gag aaa aac aaa att agg cct cgt gga   1131
122      Ala Pro Val Ser Gly Thr Gln Glu Lys Asn Lys Ile Arg Pro Arg Gly
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125      cag aga gat tca agc tat tat tgg gaa ata gaa gcc agt gaa gtg atg   1179
126      Gln Arg Asp Ser Ser Tyr Tyr Trp Glu Ile Glu Ala Ser Glu Val Met
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RAW SEQUENCE LISTING DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:07

Input Set : A:\TSR7102us-seq.txt
Output Set: N:\CRF3\07052002\I637302A.raw

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Thr Pro Glu Gln Phe Gln Ala Phe Arg Asn Glu Val Ala Val Leu Arg
        385                 390                 395
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Lys Thr Arg His Val Asn Ile Leu Leu Phe Met Gly Tyr Met Thr Lys
    400                 405                 410
gac aac ctg gca att gtg acc cag tgg tgc gag ggc agc agc ctc tac   1419
Asp Asn Leu Ala Ile Val Thr Gln Trp Cys Glu Gly Ser Ser Leu Tyr
415                 420                 425                 430
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gac att gcc cgg cag acg gct cag gga atg gac tat ttg cat gca aag   1515
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Asn Ile Ile His Arg Asp Met Lys Ser Asn Asn Ile Phe Leu His Glu
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ggc tta aca gtg aaa att gga gat ttt ggt ttg gca aca gta aag tca   1611
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cgc tgg agt ggt tct cag cag gtt gaa caa cct act ggc tct gtc ctc   1659
Arg Trp Ser Gly Ser Gln Gln Val Glu Gln Pro Thr Gly Ser Val Leu
495                 500                 505                 510
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RAW SEQUENCE LISTING DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:07

Input Set : A:\TSR7102us-seq.txt
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201       ctg acc acg tcc ccg agg ctg cct gtc ttc tagttgactt tgcacctgtc     2093
202       Leu Thr Thr Ser Pro Arg Leu Pro Val Phe
203           640                 645
205       ttcaggctgc caggggagga ggagaagcca gcaggcacca cttttctgct ccctttctcc 2153
207       agaggcagaa cacatgtttt cagagaagct ctgctaagga ccttctagac tgctcacagg 2213
209       gccttaactt catgttgcct tcttttctat ccctttgggc cctgggagaa ggaagccatt 2273
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229       acaaacagcc ttgtttctct agtcacatca tgtgtataca aggaagccag gaatacaggt 2873
231       tttcttgatg atttgggttt taattttgtt tttattgcac ctgacaaaat acagttatct 2933
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253       Thr Asp Pro Ser Lys Thr Ser Asn Thr Ile Arg Val Phe Leu Pro Asn
254             50                  55                  60
256       Lys Gln Arg Thr Val Val Asn Val Arg Asn Gly Met Ser Leu His Asp
257       65                  70                  75                  80
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260                       85                  90                  95
262       Ala Val Phe Arg Leu Leu His Glu His Lys Gly Lys Lys Ala Arg Leu
263                  100                 105                 110
265       Asp Trp Asn Thr Asp Ala Ala Ser Leu Ile Gly Glu Glu Leu Gln Val
266                115                 120                 125
268       Asp Phe Leu Asp His Val Pro Leu Thr Thr His Asn Phe Ala Arg Lys
269            130                 135                 140
271       Thr Phe Leu Lys Leu Ala Phe Cys Asp Ile Cys Gln Lys Phe Leu Leu
272       145                 150                 155                 160
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277       Ser Thr Lys Val Pro Thr Met Cys Val Asp Trp Ser Asn Ile Arg Gln
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RAW SEQUENCE LISTING DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:07

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293              260                 265                 270
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296          275                 280                 285
298  Ser Pro Ser Ala Leu Ser Ser Ser Pro Asn Asn Leu Ser Pro Thr Gly
299      290                 295                 300
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305                  325                 330                 335
307  Asp Ser Ser Tyr Tyr Trp Glu Ile Glu Ala Ser Glu Val Met Leu Ser
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329      450                 455                 460
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/05/2002
PATENT APPLICATION: US/09/637,302A TIME: 12:15:08

Input Set : A:\TSR7102us-seq.txt
Output Set: N:\CRF3\07052002\I637302A.raw

Use of <220> Feature(NEW RULES):
Sequence(s)__are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:7

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/637,302A

DATE: 07/05/2002
TIME: 12:15:08

Input Set : A:\TSR7102us-seq.txt
Output Set: N:\CRF3\07052002\I637302A.raw

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L:905 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: